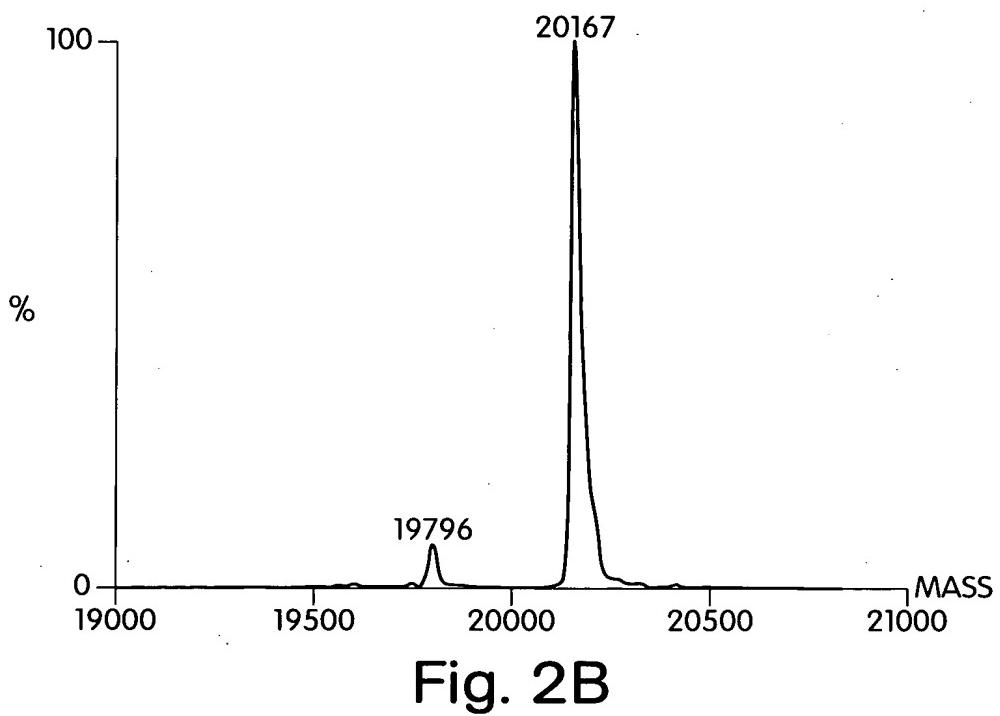
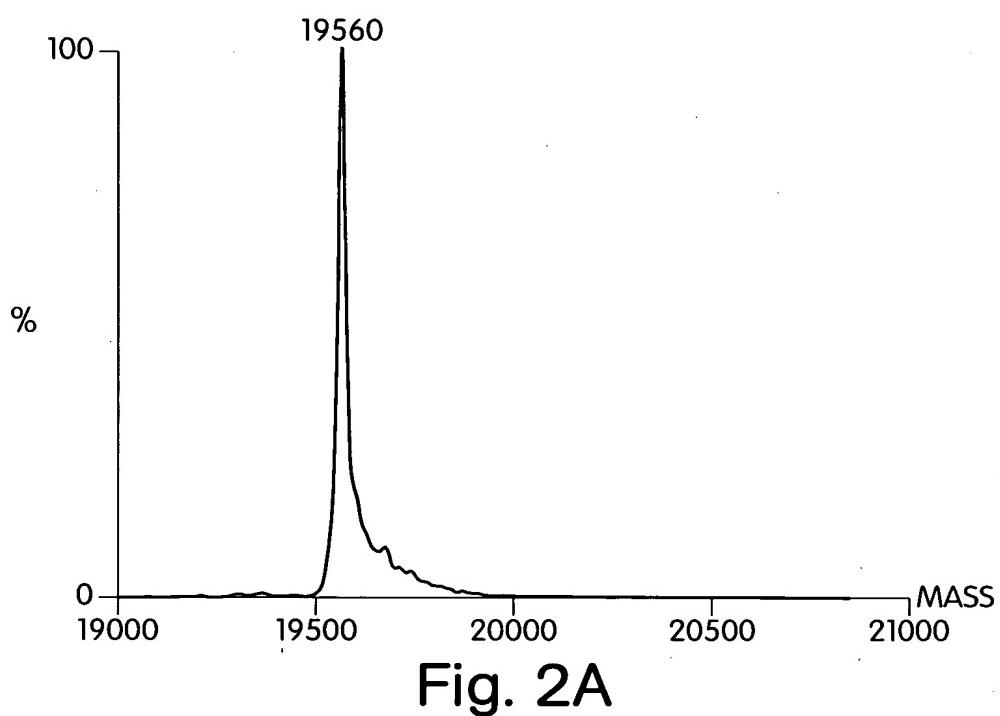


Fig. 1

2/16



3/16

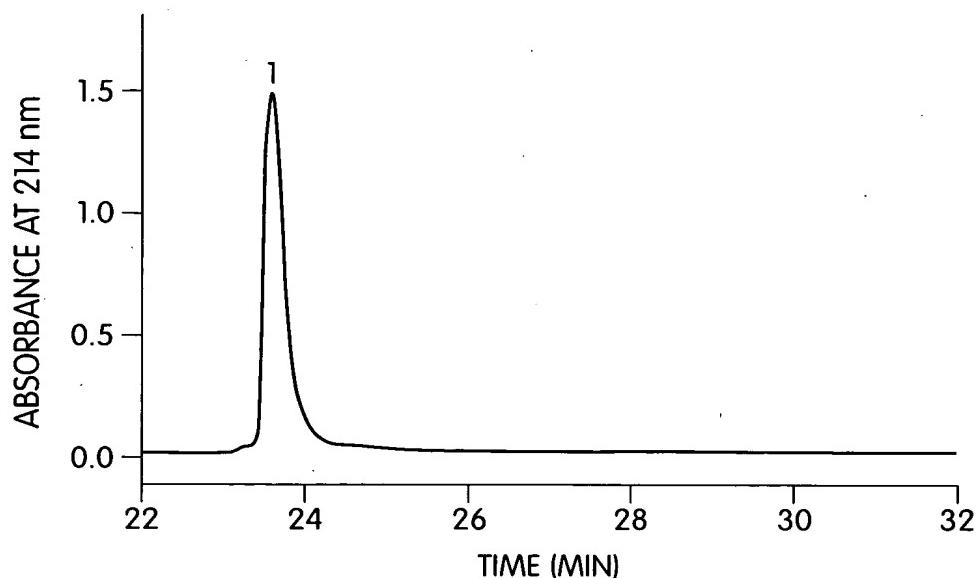


Fig. 3A

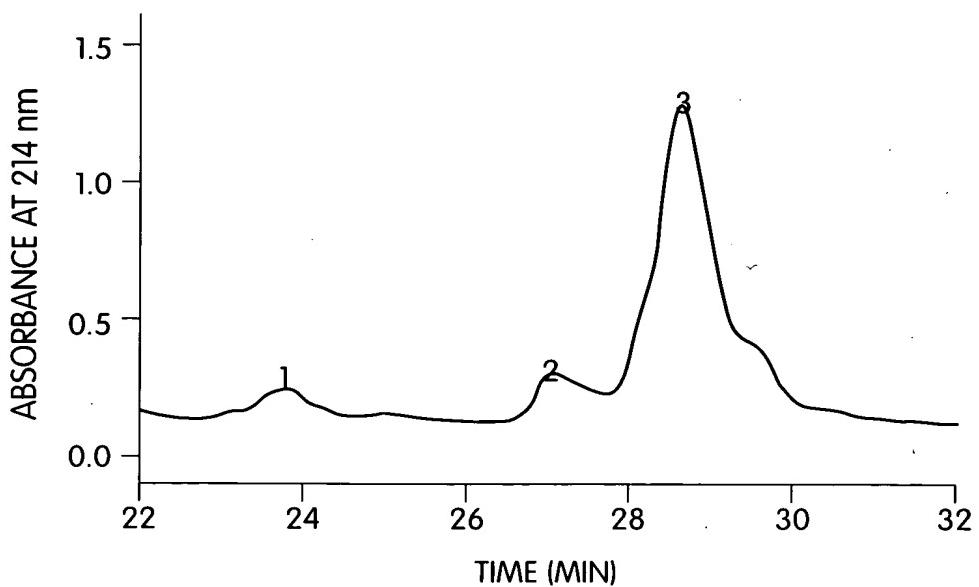


Fig. 3B

4/16

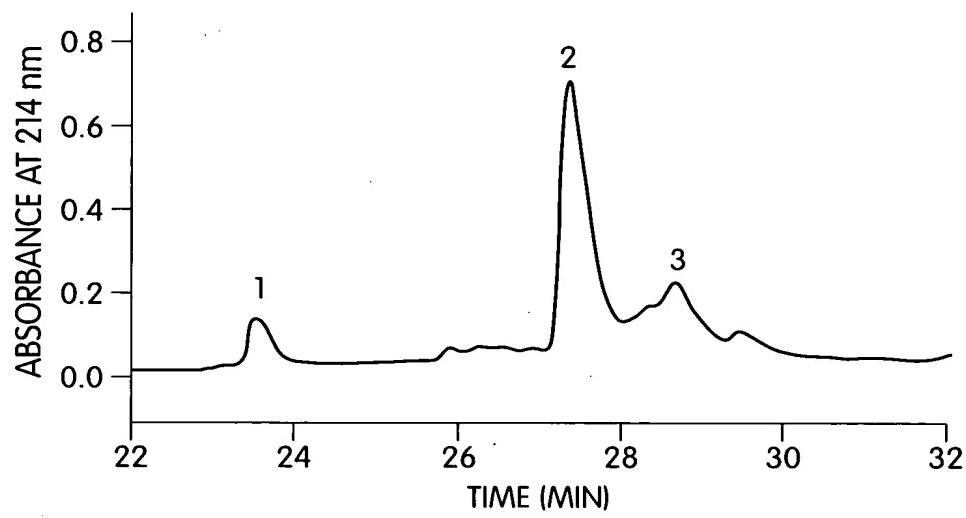


Fig. 3C

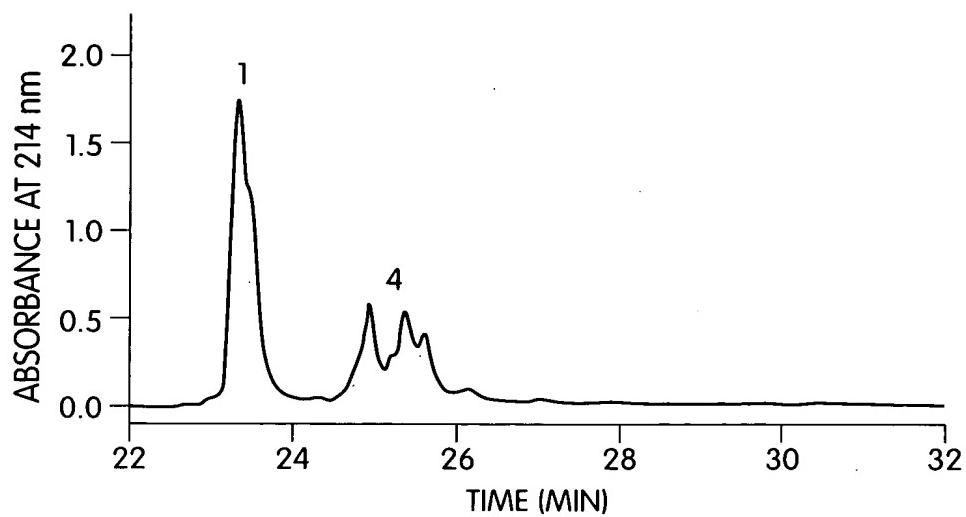


Fig. 3D

5/16

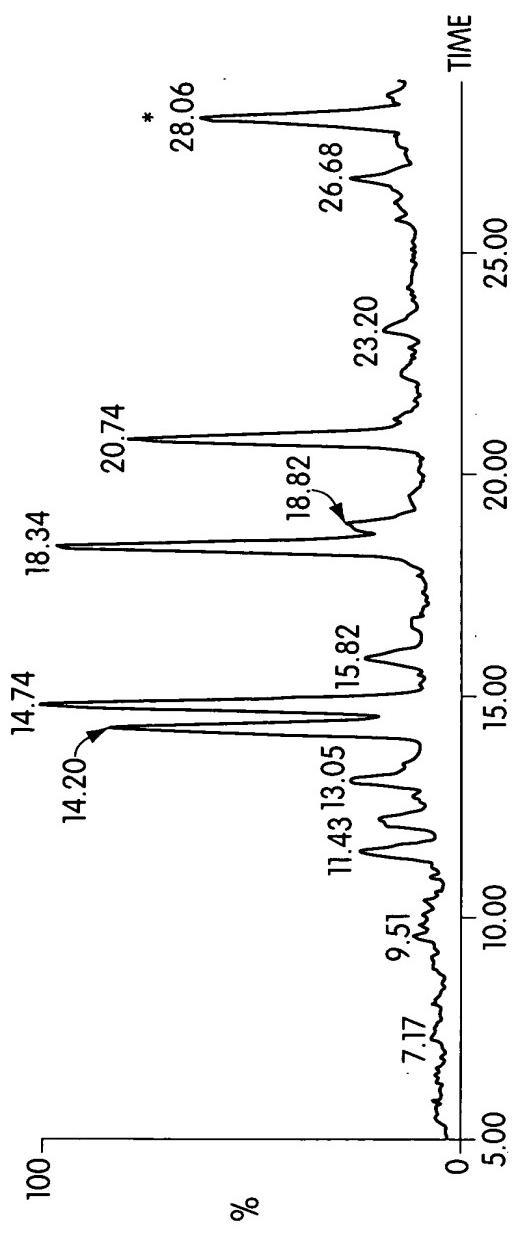


Fig. 4A

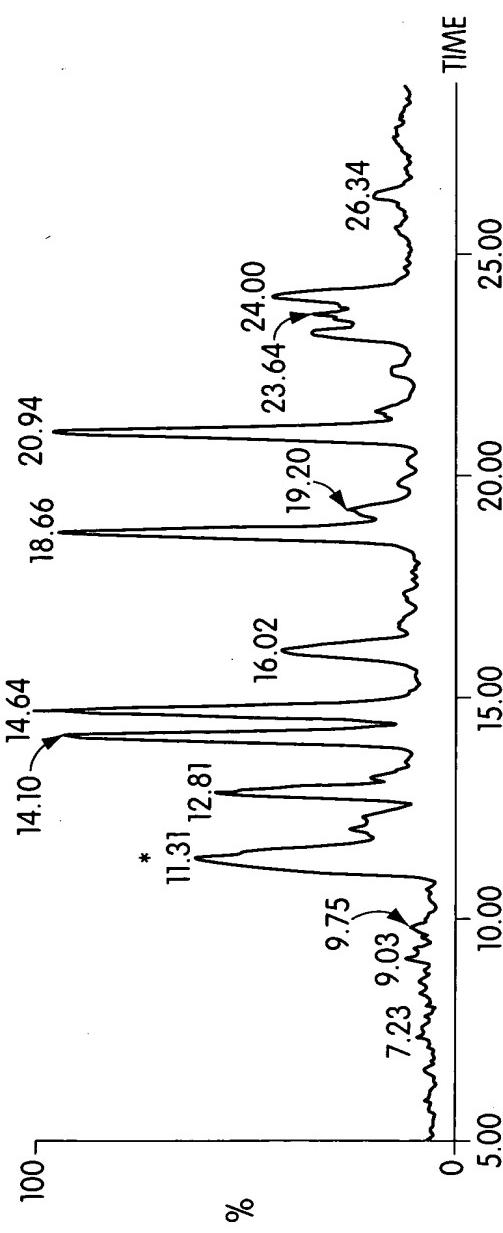


Fig. 4B

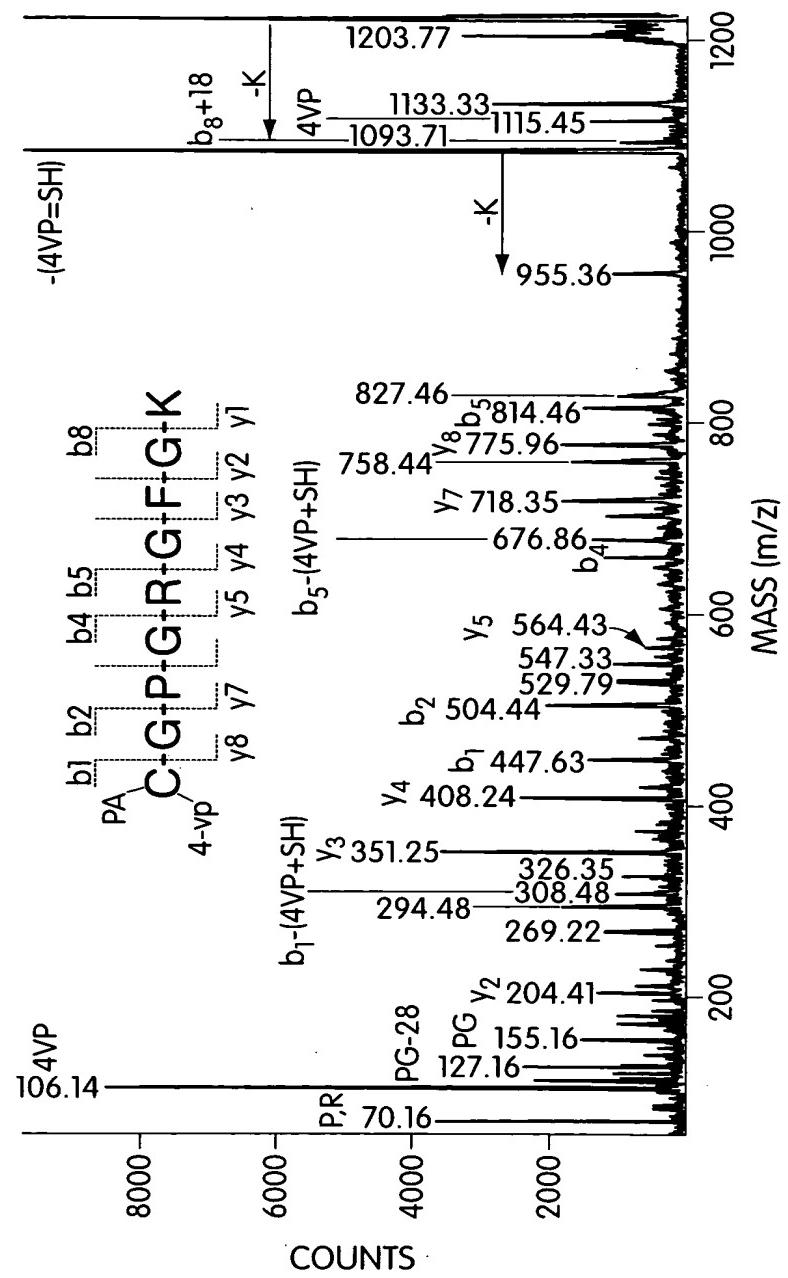


Fig. 5

7/16

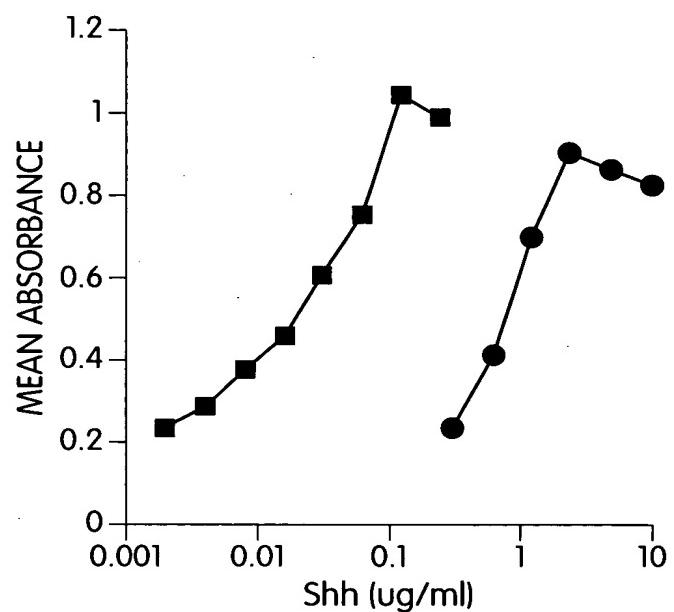


Fig. 6A

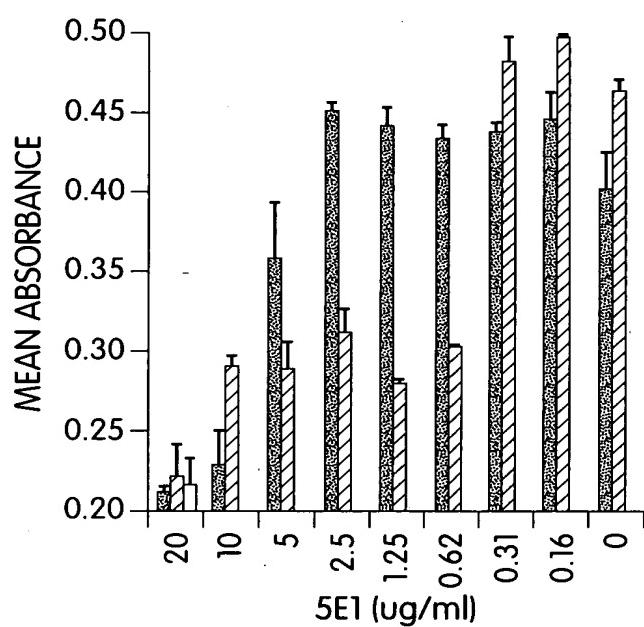


Fig. 6B

8/16

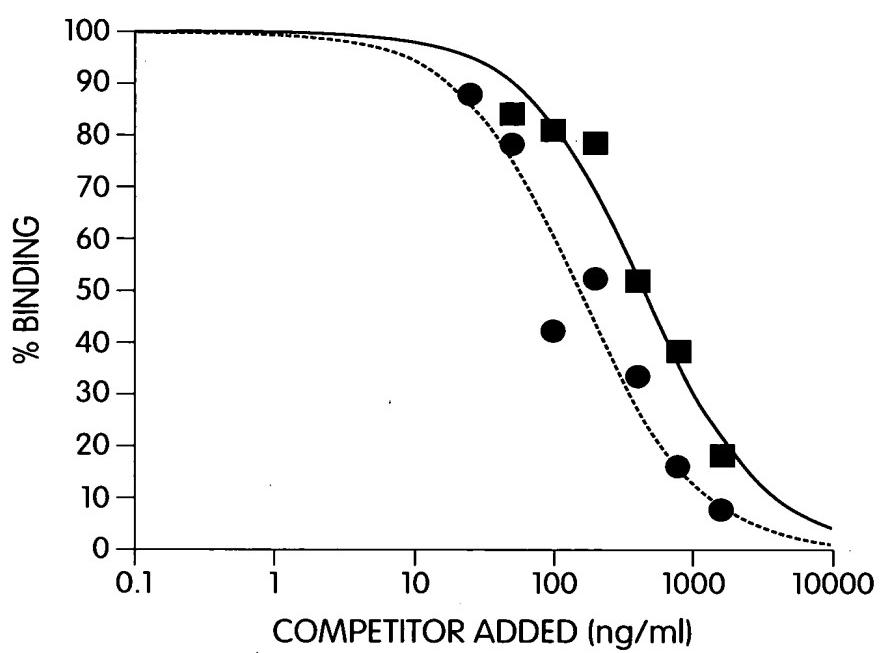


Fig. 7

1	50
Indian CGPGRVVGSR RRPPRK-LVP LAYQFSPNV PEKTLGASGR YEGKIARSSE	
Sonic CGPGRGFG-K RRHPKK-LTP LAYQFIPNV AEKTLGASGR YEGKISRNE	
Desert CGPGRGPVGR RRYARKQLVP LLYKQFVPGV PERTLGASGP AEGRVARGSE	
51	100
Indian RFKELTPNYN PDIIFKDEEN TGADRLMTQR CKDRLNSLAI SVMNQWPGVK	
Sonic RFKELTPNYN PDIIFKDEEN TGADRLMTQR CKDKLNALAI SVMNQWPGVK	
Desert RFRDLVPNYN PDIIFKDEEN SGADRMLTER CKERVNALAI AVMNMWPGVR	
101	150
Indian LRVTEGWDED GHHSSEESLHY EGRAVDITTS DRDRNKYGLL ARLAVEAGFD	
Sonic LRVTEGWDED GHHSSEESLHY EGRAVDITTS DRDRSKYGML ARLAVEAGFD	
Desert LRVTEGWDED GHHAQDSLHY EGRALDITTS DRDRNKYGLL ARLAVEAGFD	
151	176
Indian WVYYESKAHV HCSVKSEHSA AAKTGG	SEQ ID NO: 1
Sonic WVYYESKAHI HCSVKAENSV AAKSGG	SEQ ID NO. 2
Desert WVYYESRNHV HVSVKADNSL AVRAGG	SEQ ID NO. 3

Gap(s), indicated by -, added to facilitate alignment

Fig. 8

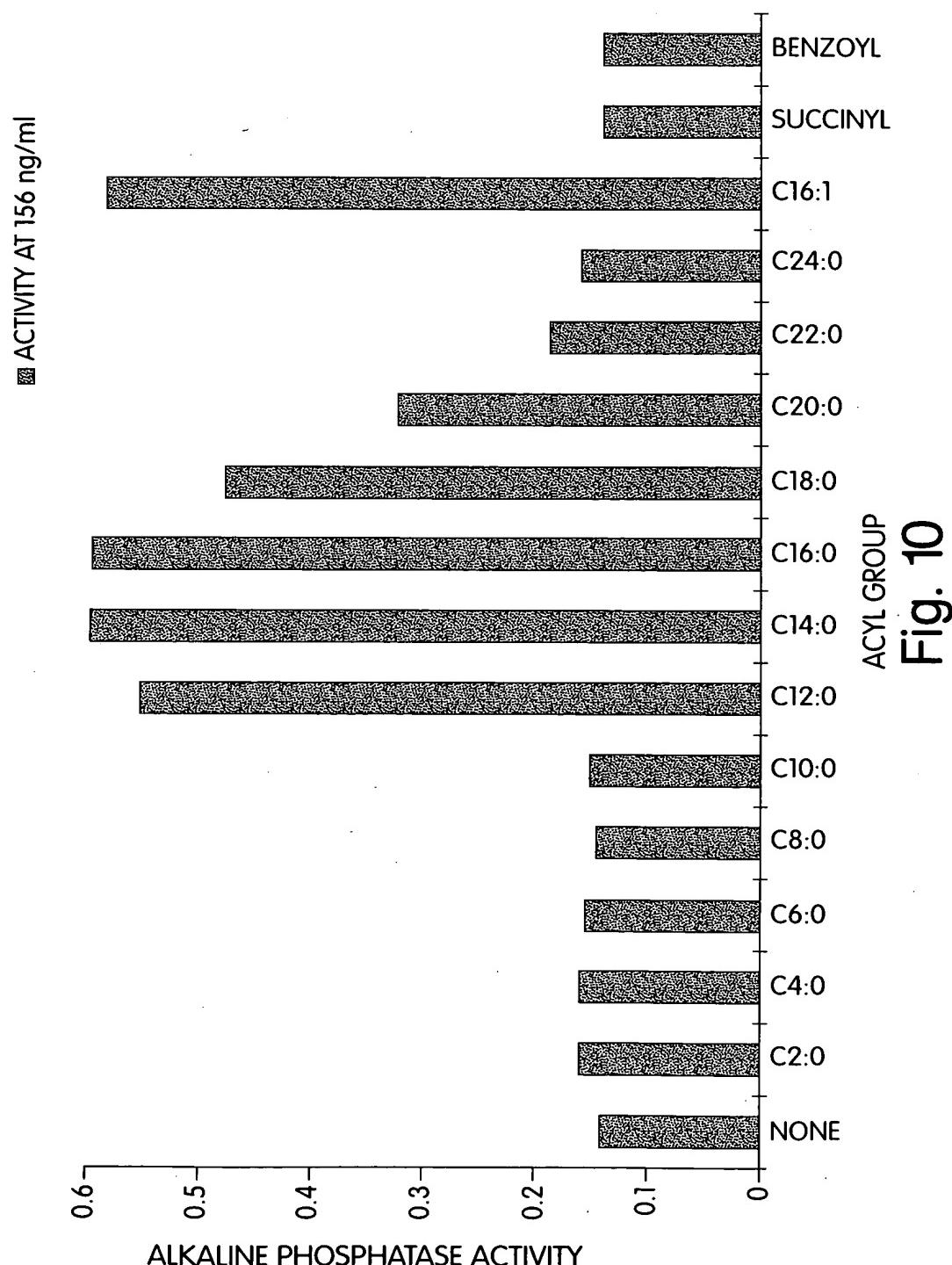
1 CGPGR _{x1 x2 x3 x4 x5}	RR _{x6 x7 x8} ^K _{x9} L _{x10} ^P L _{x11} YKQF _{x12} ^P _{x13} V _{x14} EKTLGASGR	40 80 80 120 160
x ₁₅ E ^G K _{x16 x17} R _{x18} SE	RFK _{x19} L _{x20} PNYN	PDIIFKDEEN
CK _{x23 x24} X ₂₅ NSLAI	X ₂₆ V ^M N _{x27} WPGVK	LRVTEGWDED
EGRAVDITTS	DRDR _{x31} KYG _{x32} L	ARLAVEAGFD
		WVYYES _{x33 x34} H _{x35}

176
H_{x36}SVK_{x37 x38 x39}S_{x40} AA_{x41 x42}GG

Where:

X₁ is either V or G;
 X₂ is either V, F or P;
 X₃ is either G or V;
 X₄ is either S or G;
 X₅ is either R or K;
 X₆ is either P, H or Y;
 X₇ is either P or A;
 X₈ is either R or K;
 X₉ is any amino acid;
 X₁₀ is either V or T;
 X₁₁ is either A or L;
 X₁₂ is either S, I or V;
 X₁₃ is either N or G ;
 X₁₄ is either P or A;
 X₁₅ is either Y or A;
 X₁₆ is either I or V;
 X₁₇ is either A or S;
 X₁₈ is either S, N or G;
 X₁₉ is either E or D;
 X₂₀ is either T or V;
 X₂₁ is either T or S;
 X₂₂ is either Q or E;
 X₂₃ is either D or E;
 X₂₄ is either R or K;
 X₂₅ is either L or V;
 X₂₆ is either S or A;
 X₂₇ is either Q or M;
 X₂₈ is either S or A;
 X₂₉ is either E or Q;
 X₃₀ is either E or D;
 X₃₁ is either N or S;
 X₃₂ is either L or M;
 X₃₃ is either K or R;
 X₃₄ is either A or N;
 X₃₅ is either V or I;
 X₃₆ is either C or V;
 X₃₇ is either S or A;
 X₃₈ is either E or D;
 X₃₉ is either H or N;
 X₄₀ is either A, V or L;
 X₄₁ is either K or R; and
 X₄₂ is either T, S or A.

Fig. 9



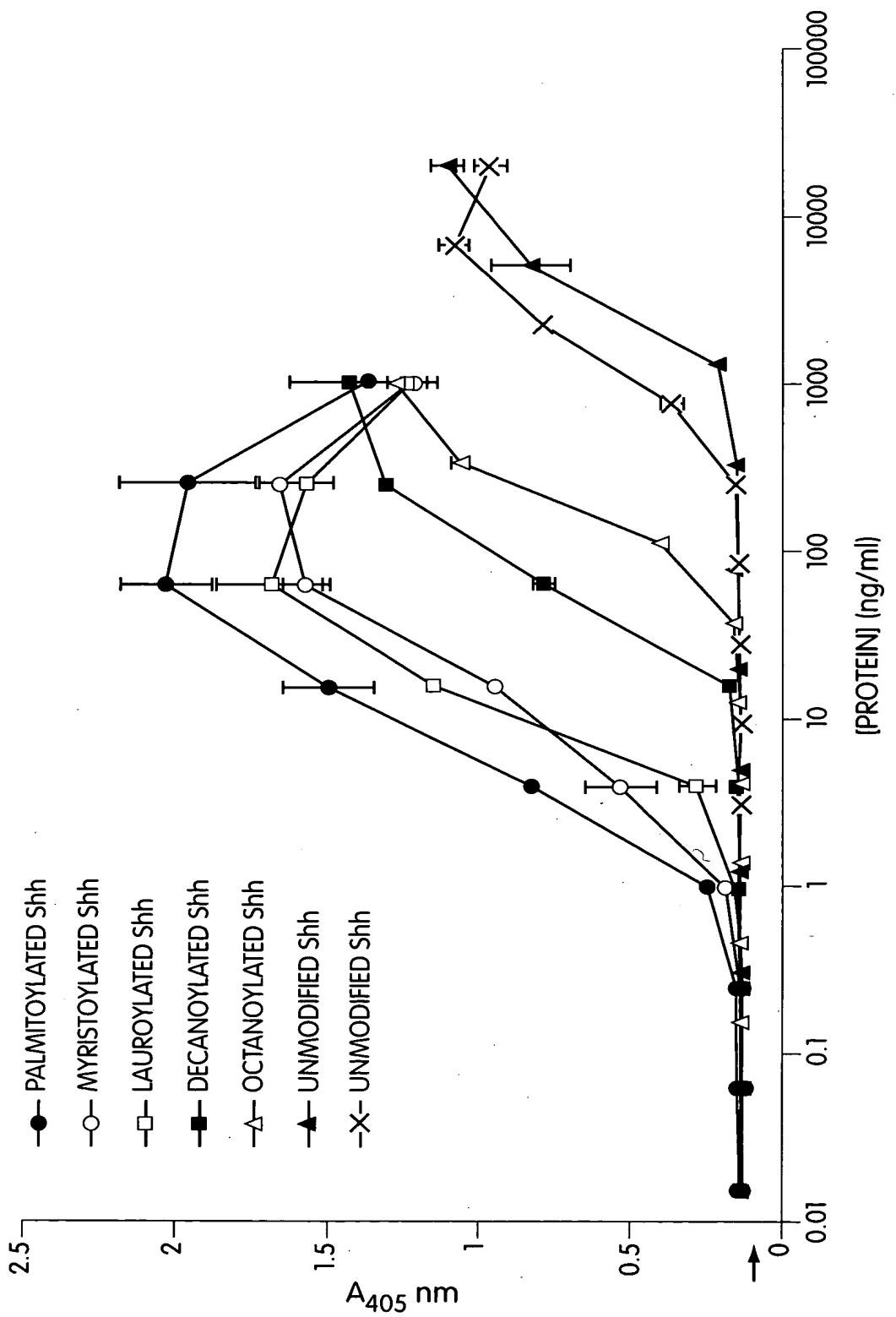
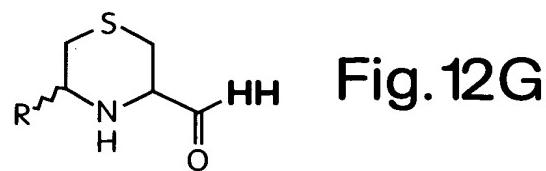
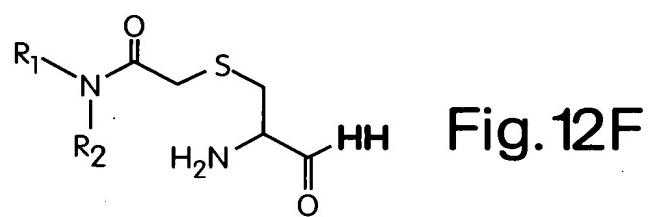
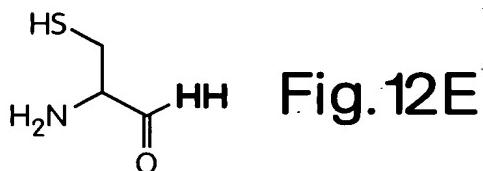
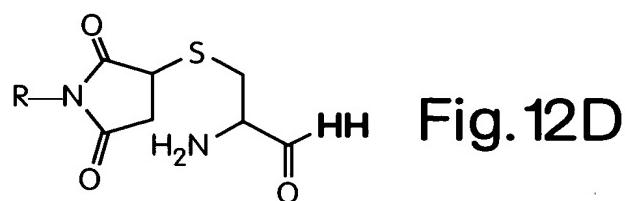
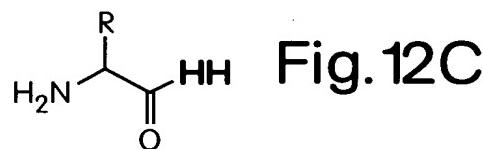
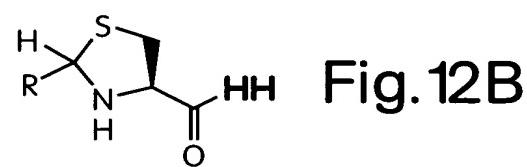
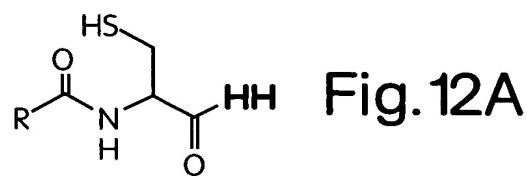


Fig. 11



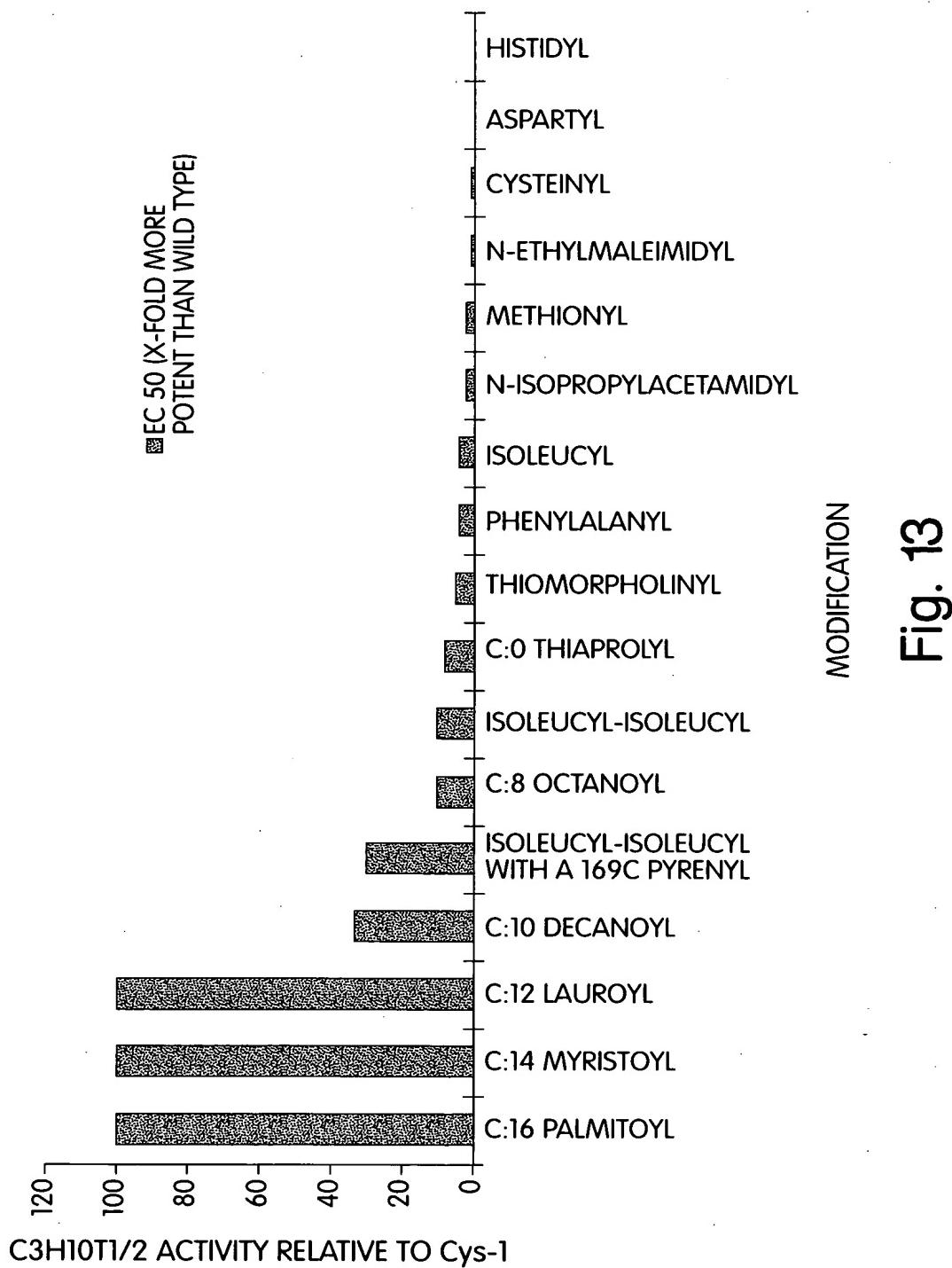


Fig. 13

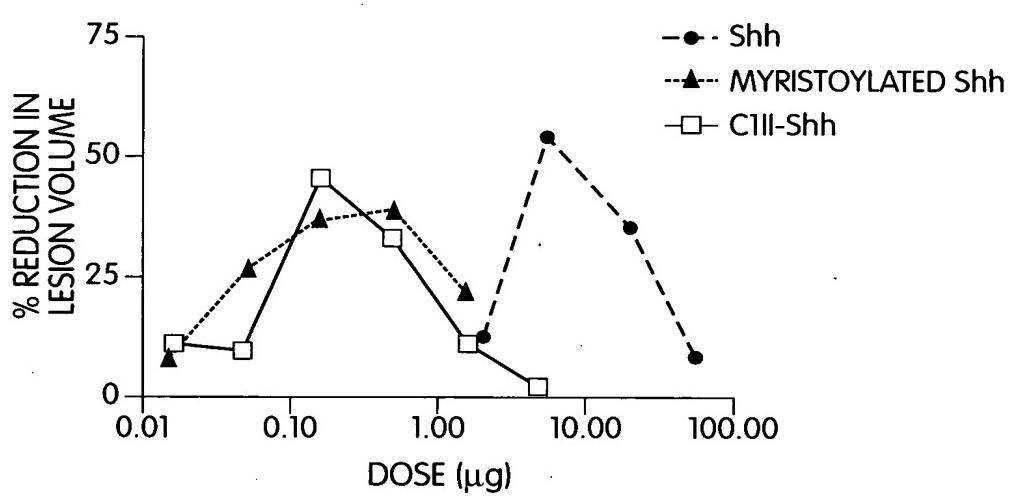


Fig. 14

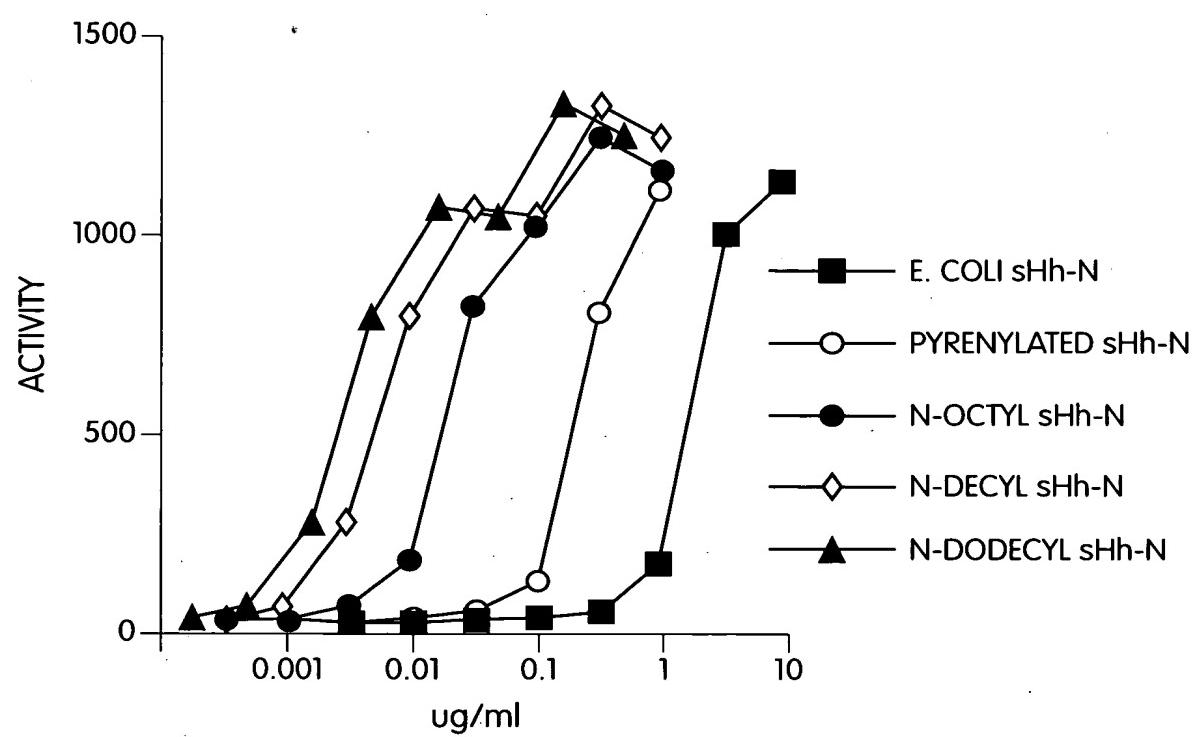


Fig. 15